



17264 U.S. PTO

PATENT  
USA.286-2

17302 U.S. PTO  
10/815510



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Kenneth J. Newell,  
Stephen A. Ruatta, John S. Stockwell

) Attorney Docket No.: USA.286-2

Title: POST PROCESSING THREE-  
DIMENSIONAL OBJECTS  
FORMED BY SELECTIVE  
DEPOSITION MODELING

) Express Mail Label No.: EV233757990US

) Customer No.: 022514

Date Filed: To Be Assigned

Prior Application No.: 09/970,727

Prior Group Art Unit: 1732

### BOX PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

#### Certificate Under 37 CFR §1.10

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April 7, 2004

Date of Deposit

Ralph D'Alessandro

Name

Signature

### UTILITY PATENT APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventors: Kenneth J. Newell,  
Stephen A. Ruatta, and John S. Stockwell.

### APPLICATION ELEMENTS

1. Fee Transmittal Form. Cancel claims 2-42 before calculating the filing fee.
2. Type of Application.

This new application is for a(n) (check one applicable item below):

☐ Original

☐ Divisional

☒ Continuation

☐ Continuation-in-part (CIP) of Prior Application No.:  
Examiner: Group Art Unit:

**3. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b).**

- ☒ Pages of Specification                      Total Pages:     30
- ☒ Drawings - Formal                      Total Sheets:     1
- ☒ Oath or Declaration and Power of Attorney for  
Patent Application  
    ☐ Newly executed (original or copy)
- ☒ Copy from a prior application (37 CFR 1.63(d))

**4. Additional Papers Enclosed.**

- ☒ Preliminary Amendment
- ☒ Assignment Papers (cover sheet & document(s))
- ☒ Information Disclosure Statement (IDS)/PTO-1449  
    Copies of IDS Citations
- ☒ Return Receipt Postcard (MPEP 503)

**5. Inventorship.**

The inventorship names and addresses for all the claims in this application are:

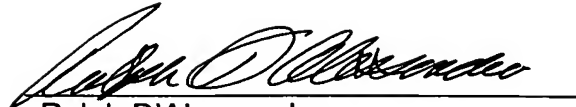
Kenneth J. Newell  
25876 The Old Road #33  
Valencia, CA 91381

Stephen A. Ruatta  
1501 Marengo Avenue  
South Pasadena, CA 91030

John S. Stockwell  
13286 Dyer Street  
Sylmar, CA 91342

**6. Language.**

Dated: April / , 2004



Ralph D'Alessandro  
Reg. No. 28,838  
Attorney for Applicants

3D Systems, Inc.  
26081 Avenue Hall  
Valencia, CA 91355  
(616) 295-5600, ext. 2470

☒ **Statement Where No Further Pages Added.**

☒ **This Transmittal Ends With This Page.**

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Approved for use through 07/31/2006. OMB 0651-0032  
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$410.00

## Complete if Known

Application Number	To be assigned
Filing Date	April 1, 2004
First Named Inventor	Kenneth J. Newell
Examiner Name	To be assigned
Art Unit	To be assigned
Attorney Docket No.	USA.286-2

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

90-0200

Deposit Account Name

3D Systems, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid	
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1001	770	2001	385	Utility filing fee	370.00	
1002	340	2002	170	Design filing fee		
1003	530	2003	265	Plant filing fee		
1004	770	2004	385	Reissue filing fee		
1005	160	2005	80	Provisional filing fee		
SUBTOTAL (1)					(\$)	370.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND

Total Claims		Extra Claims		Fee from below		Fee Paid
20	-20** =	0	X	9.00	=	0.00
Independent Claims	3	-3** =	0	X	=	0.00
Multiple Dependent					=	

Large Entity		Small Entity		Fee Description	Fee Paid	
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1202	18	2202	9	Claims in excess of 20		
1201	86	2201	43	Independent claims in excess of 3		
1203	290	2203	145	Multiple dependent claim, if not paid		
1204	86	2204	43	** Reissue independent claims over original patent		
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2)					(\$)	0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$40.00

## SUBMITTED BY

Name (Print/Type)	Ralph D'Alessandro	Registration No. (Attorney/Agent)	28,838	Telephone	(661) 295-5600, x. 2404
Signature		Date	April 1, 2004		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)  
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